

Claims (for U.S. application)

1. A biochemical vessel having a plurality of sample holding cells juxtaposed one next to another, each cell having a light transparent bottom, wherein each sample holding cell includes, in its inner side, a light reflecting face which extends radially away from the axis of the cell as the reflecting face extends downwards.

2. The biochemical vessel according to claim 1, wherein a portion or entirety of an inner peripheral face of the sample holding cell is formed as the light reflecting face which extends radially away from the axis of the cell as the reflecting face extends downwards.

3. The biochemical vessel according to claim 2, wherein the sample holding cell is formed by bonding one side of a plate-like member to a light transparent substrate, the plate-like member having a through hole whose diameter increases toward said one side thereof; and a portion or entirety of an inner peripheral face of the sample holding cell is formed as the light reflecting face which extends radially away from the axis of the cell as the reflecting face extends downwards.

4. The biochemical vessel according to any one of claims 1-3, wherein the light reflecting face is formed as a mirror finished surface.